



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/702,644	10/31/2000	Fred S. Cook	1455	1072
28004	7590	02/06/2006	EXAMINER	
SPRINT			YUN, EUGENE	
6391 SPRINT PARKWAY			ART UNIT	
KSOPHT0101-Z2100			PAPER NUMBER	
OVERLAND PARK, KS 66251-2100			2682	

DATE MAILED: 02/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 09/702,644	<b>Applicant(s)</b> COOK, FRED S.	
	<b>Examiner</b> Eugene Yun	<b>Art Unit</b> 2682	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 November 2005.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 October 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-6, 9-23, and 26-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Phillips et al. (US 5,870,459).

Referring to Claim 1, Phillips teaches a communication system for providing temporary wireless telephone numbers, the system comprising:

a first switching system configured to receive a registration request from an end user wireless call device (fig. 3) without an assigned telephone number (see col. 14, lines 6-11), process the registration request to generate a registration message (see col. 15, lines 23-26); and

a service control point configured to receive the registration message, process the registration message to automatically assign a temporary wireless number to the end user wireless call device and generate and provide a registration response message to the first switching system that includes the temporary wireless number (see col. 15, lines 26-31 and col. 14, lines 11-15).

Claim 18 has similar limitations as Claim 1.

Referring to Claims 2 and 19, Phillips also teaches wherein subsequent to receiving the registration response message from the service control point, the first switching system is configured to receive a call request from the wireless call device and process the call request to complete a call to a called number (see col. 14, lines 30-36).

Referring to Claims 3 and 20, Phillips also teaches the service control point configured to process the registration message to validate the wireless call device (see col. 15, lines 26-29).

Referring to Claims 4 and 21, Phillips also teaches the service control point configured to process the registration message to generate and provide a first query message that includes a request for the temporary wireless telephone number (see col. 15, lines 23-26).

Referring to Claims 5 and 22, Phillips also teaches a second switching system configured to receive the first query message, process the first query message to generate a second query message that includes the request for the temporary wireless telephone number, and process a first response message to generate a second response message for the service control point that includes the temporary wireless telephone number (see col. 15, lines 23-26); and

a wireless telephone number server configured to receive the second query message from the second switching system and process the second query message to select the temporary wireless telephone number from a pool of temporary wireless

Art Unit: 2682

telephone numbers and generate and provide the first response message to the second switching system (see col. 15, lines 26-31).

Referring to Claims 6 and 23, Phillips also teaches the service control point configured to process the second response message to associate the temporary wireless telephone number with the wireless call device and generate and provide the registration response message to the first switching system (see col. 15, lines 26-31).

Referring to Claims 9 and 26, Phillips also teaches the first switching system configured to receive a call request from the wireless call device and process the call request to generate a third query message that includes a request for call handling information and the service control point is configured to receive the third query message and process the third query message to generate and provide the call handling information to the first switching system, wherein the call handling information includes instructions to route the call request to a called number (see col. 14, lines 23-36).

Referring to Claims 10 and 27, Phillips also teaches automatically releasing the temporary wireless number back into the pool of temporary wireless numbers after a predetermined period of time (see col. 14, lines 6-11).

Referring to Claims 11 and 28, Phillips also teaches the predetermined period of time as one day (see col. 14, lines 11-15).

Referring to Claims 12 and 29, Phillips also teaches the predetermined period of time as one week (see col. 14, lines 11-15).

Referring to Claims 13 and 30, Phillips also teaches the predetermined period of time as one month (see col. 14, lines 11-15).

Referring to Claims 14 and 31, Phillips also teaches the voice response unit configured to receive the call request from the wireless call device and process the fourth call request to generate a first release message for the service control point and the service control point is configured to process the first release message to generate a second release message for the second switching system and the second switching system is configured to process the second release message to generate a third release message for the wireless telephone number server and the wireless telephone number server configured to release the temporary wireless telephone number back into the pool of temporary wireless telephone numbers (see col. 16, lines 39-60).

Referring to Claims 15 and 32, Phillips also teaches the service control point configured to generate and provide the second release message in response to an expiration of the predetermined period of time (see col. 16, lines 28-38).

Referring to Claims 16 and 33, Phillips also teaches the service control point configured to generate and provide billing information to the voice response unit and the voice response unit is configured to provide the billing information to the user of the wireless call device in response to the call request from the wireless call device (see col. 15, lines 16-20).

Referring to Claims 17 and 34, Phillips also teaches the voice response unit configured to receive a sixth call request from the wireless call device and process the sixth call request to generate a request message for the service control point that

Art Unit: 2682

includes a request for an extension of the predetermined period of time and the service control point is configured to process the request message to extend the predetermined period of time (see col. 21, lines 66-67 and col. 22, lines 1-6).

3. Claims 7, 8, 24, and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Phillips in view of Alho (EP 0986237).

Referring to Claims 7 and 24, Phillips does not teach the service control point configured to generate and provide a context message that includes the temporary wireless telephone number. Alho teaches the service control point configured to generate and provide a context message that includes the temporary wireless telephone number (see pg. 9, lines 1-10). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teachings of Alho to said system of Phillips in order to make the temporary wireless number registration process more user friendly.

Referring to Claims 8 and 25, Alho also teaches a voice response unit configured to receive the context message and a call request from the wireless call device and process the call request to provide the temporary wireless phone number to a user of the wireless call device (see pg. 4, lines 38-58 and pg. 9, lines 1-10).

### ***Response to Arguments***

4. Applicant's arguments filed 11/16/2005 have been fully considered but they are not persuasive.

The applicant's argues that the Phillips reference does not teach "a service control point that receives a registration message for an end user wireless call device without an assigned telephone number...and automatically assign a temporary wireless telephone number to the end user wireless call device". The examiner disagrees. Firstly, the applicant's arguments do not state the differences between the Phillips reference and the claimed invention very clearly. All the arguments state is what is believed that the Phillips reference teaches and that the Phillips reference does not teach the above stated limitations. However, no further or specific reasoning is provided.

The act of sending a registration request occurs during the activation process, but the examiner believes that the applicant's arguments are attempting to state that the activation process is different that the process in the claimed invention. The examiner does not notice any specific detail in the claims that would state that the activation process is different that the process in the claimed invention. Both the Phillips reference and the claimed invention also teach **temporary** wireless numbers. Therefore, the examiner is unclear as to why the arguments are stating that "the phone number for the wireless device in Phillips may expire and be returned to the pool of numbers. Once the wireless device in Phillips loses the assigned phone number, the wireless device can only be used to make calls, and can not be used to receive calls", as this is not believed by the examiner to have any factor in differentiating the Phillips reference from the claimed invention.

Finally, the arguments stating that "once the wireless device in Phillips loses it's number the wireless device can not send a registration request to a switching station



and receive a temporary number” is incorrect. Col. 13, lines 10-33 of the Phillips reference shows that the phone can be refurbished and once refurbished, the phone can repeat the process of requesting and receiving a temporary wireless number.

For the above reasons, the examiner stands by his rejection.

### ***Conclusion***

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eugene Yun whose telephone number is (571) 272-7860. The examiner can normally be reached on 9:00am-6:00pm.

Art Unit: 2682


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doris To can be reached on (571)272-7629. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

81

Eugene Yun  
Examiner  
Art Unit 2682

EY

  
LEE NGUYEN  
PRIMARY EXAMINER